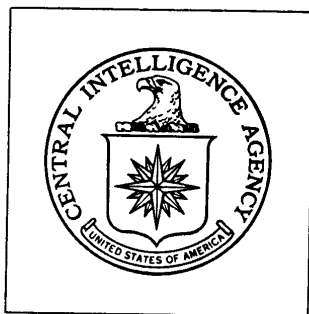


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Industrial Facilities**

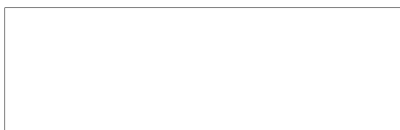
*Basic Imagery Interpretation Report*

**Hsi-an Aircraft Engine Plant 430**

**Hsi-an, China**



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IMAGERY ANALYSIS SERVICE

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INSTALLATION OR ACTIVITY NAME		COUNTRY	
Hsi-an Aircraft Engine Plant 430		CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	COMIREX NO.	WAC/P 25X1
N/A	34-22-48N 108-58-20E	N/A	0384-3B
MAP REFERENCE			
DIA. ACIC USATC 200 Sheet MO384-15HL, 3rd ed, July 64, Scale 1:200,000 (SECRET) 25X1			
LATEST IMAGERY USED		NEGATION DATE (If required)	
		N/A 25X1	

ABSTRACT

Hsi-an Aircraft Engine Plant 430 was first observed on overhead photography in March 1959, at which time it was in the mid-stages of construction and contained approximately 1.1 million square feet of floor space. By June 1963 an additional 800,000 square feet of floor space had been added, and the plant was basically complete. The production of this plant cannot be determined on the limited coverage available.

NOTE: This report has been published as an interim Basic Imagery Interpretation Report with the concurrence of the Defense Intelligence Agency.

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INTRODUCTION

Hsi-an Aircraft Engine Plant 430 is located in Shensi Province, at 34-22-48N 108-58-20E, approximately six nautical miles north of the city of Hsi-an. The plant is served by road and by a spur of the Cheng-chou/Lan-chou rail line.

BASIC DESCRIPTION

When first observed on overhead photography in March 1959, the Hsi-an Aircraft Engine Plant contained approximately 1.1 million square feet of floor space. Construction since that time has totaled 1.3 million square feet with the majority (800,000 square feet) being completed in the period between March 1959 and June 1963. Construction subsequent to June 1963 was limited to one major facility (a machine shop - Item 1), some minor workshops and storage buildings.

Although the plant appeared complete in June 1967, it occupied only approximately two-thirds of the area within the walled perimeter which suggests that further expansion may be planned. For a detailed chronological development of the plant from 1959 through mid-1967, plus a detailed functional and dimensional analysis of the facilities, see Figure 3 and its accompanying table.

Because of the limited photographic coverage of this plant since 1964 (two large-scale KEYHOLE missions) a reliable estimate of the production activity cannot be determined.

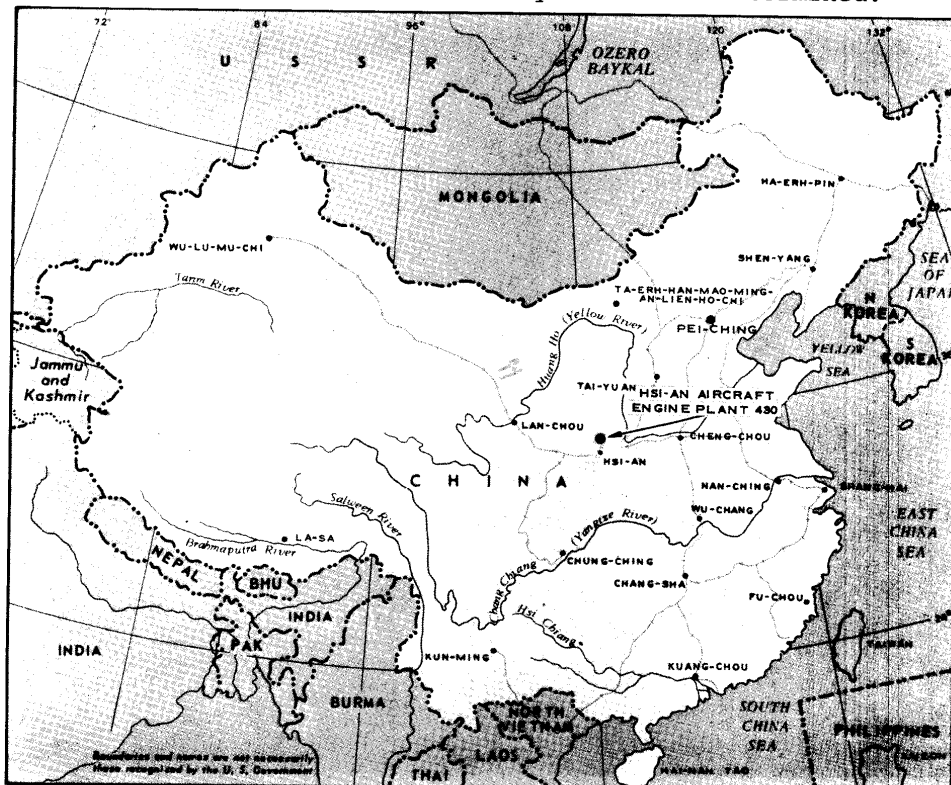


FIGURE 1. LOCATION MAP

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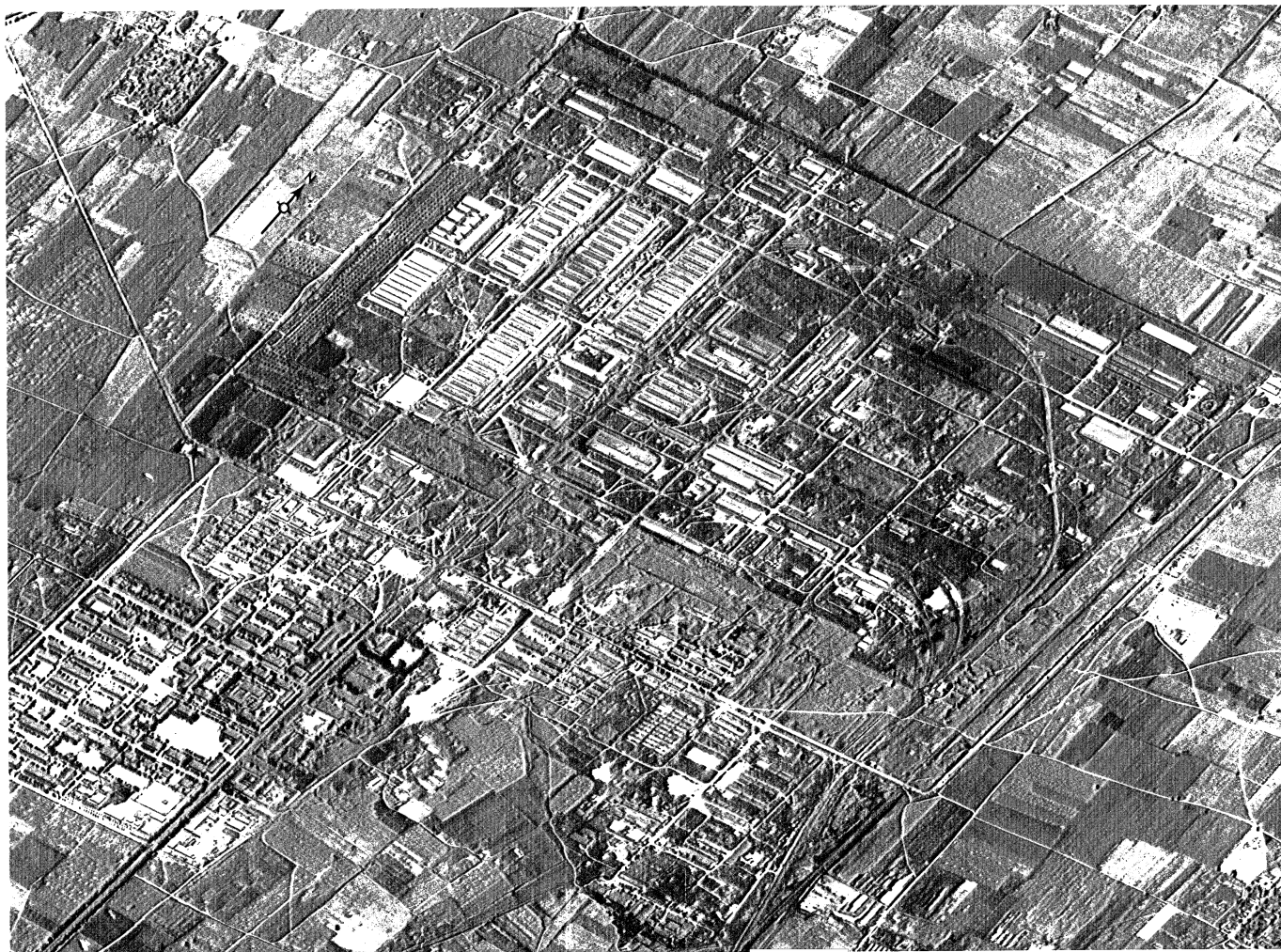


FIGURE 2. HSI-AN AIRCRAFT ENGINE PLANT 430

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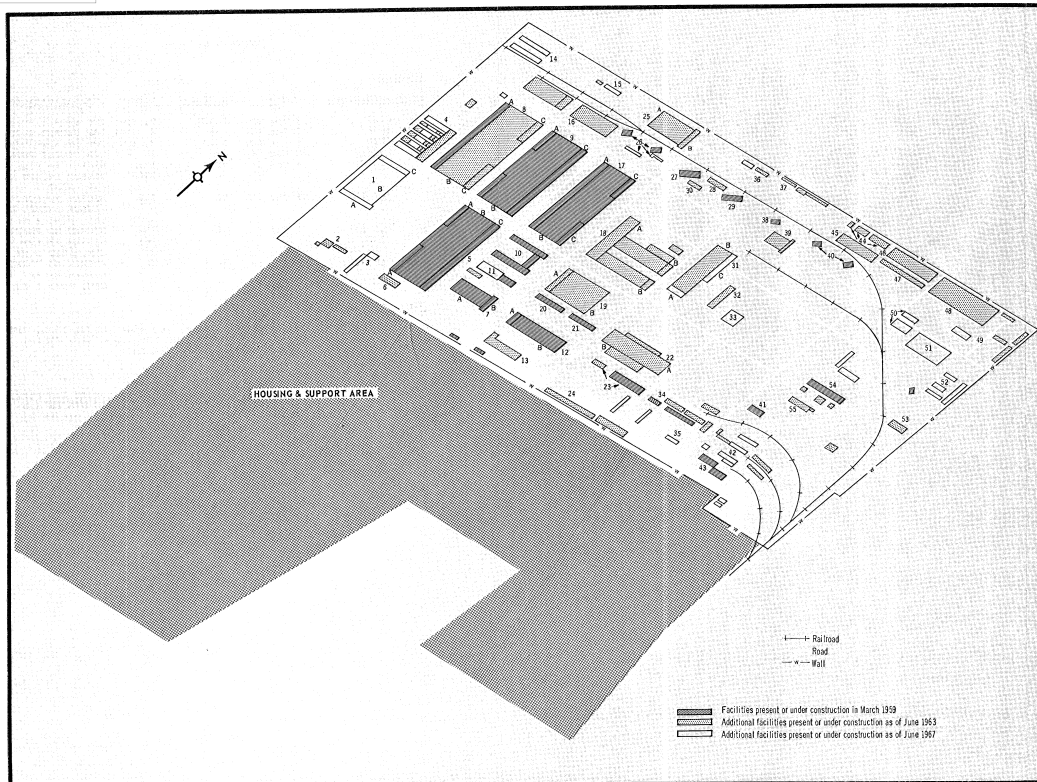


FIGURE 3. LINE DRAWING HSI-AI AIRCRAFT ENGINE PLANT 430

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ITEM	DESCRIPTION	NOTES
1	MACHINE SHOP	2 STORY
A	ADMIN/ENGINEERING SECTION	
B	MACHINE SHOP	2 STORY
C	ADMIN/ENGINEERING SECTION	
2	STORAGE/SUPPORT BUILDING	2 STORY
3	STORAGE/SUPPORT BUILDING (2)	
4	ENGINE TEST FACILITY	2 STORY
5	MACHINE SHOP/ASSEMBLY BUILDING	
A	ADMIN/ENGINEERING SECTIONS (2)	2 STORY
B	MACHINE SHOP SECTION	
C	ASSEMBLY SECTION	2 STORY
6	STORAGE/SUPPORT BUILDING	
7	WORKSHOP/MACHINE SHOP	2 STORY
8	WORKSHOP/MACHINE SHOP SECTION	
9	MACHINE SHOP/ASSEMBLY BUILDING	2 STORY
A	ADMIN/ENGINEERING SECTION	
B	MACHINE SHOP SECTION	2 STORY
C	ADMIN/ENGINEERING SECTIONS (2)	
10	MACHINE SHOP/ASSEMBLY BUILDING	2 STORY
11	ADMIN/ENGINEERING SECTIONS (2)	
12	ASSEMBLY SECTION	2 STORY
13	WORKSHOP/MACHINE SHOP	
14	ADMIN/ENGINEERING SECTION	2 STORY
15	WORKSHOP/MACHINE SHOP SECTION	
16	STORAGE/SUPPORT BUILDING	2 STORY
17	STORAGE/SUPPORT BUILDING (2)	
A	MACHINE SHOP/ASSEMBLY BUILDING	2 STORY
B	ASSEMBLY SECTION	
C	MACHINE SHOP SECTION	2 STORY
18	ADMIN/ENGINEERING SECTIONS (2)	
19	FORGE SECTION	2 STORY
20	ADMIN/ENGINEERING SECTIONS (2)	
21	MACHINE SHOP	2 STORY
22	ADMIN/ENGINEERING SECTION	
23	STORAGE/SUPPORT BUILDING	2 STORY
24	STORAGE/SUPPORT BUILDING (2)	
A	WORKSHOP/MACHINE SHOP	2 STORY
B	WORKSHOP/MACHINE SHOP SECTION	
C	ADMIN/ENGINEERING SECTION	2 STORY
25	STORAGE/SUPPORT BUILDING (2)	
26	STORAGE/SUPPORT BUILDING (2)	2 STORY
27	STORAGE/SUPPORT BUILDING (2)	
28	STORAGE/SUPPORT BUILDING (2)	2 STORY
29	STORAGE/SUPPORT BUILDING (2)	
30	STORAGE/SUPPORT BUILDING (2)	2 STORY
31	STORAGE/SUPPORT BUILDING (2)	
32	STORAGE/SUPPORT BUILDING (2)	2 STORY
33	STORAGE/SUPPORT BUILDING (2)	
34	STORAGE/SUPPORT BUILDING (2)	2 STORY
35	STORAGE/SUPPORT BUILDING (2)	
36	STORAGE/SUPPORT BUILDING (2)	2 STORY
37	STORAGE/SUPPORT BUILDING (2)	
38	STORAGE/SUPPORT BUILDING	2 STORY
39	STEAM PLANT	
40	STORAGE/SUPPORT BUILDING (2)	2 STORY
41	STORAGE/SUPPORT BUILDING (2)	
42	STORAGE/SUPPORT BUILDING (2)	2 STORY
43	STORAGE/SUPPORT BUILDING (2)	
44	STORAGE/SUPPORT BUILDING (2)	2 STORY
45	WAREHOUSE	
46	WAREHOUSE	2 STORY
47	WAREHOUSE	
48	WORKSHOP	2 STORY
49	STORAGE/SUPPORT BUILDING (2)	
50	STORAGE/SUPPORT BUILDING (2)	2 STORY
51	WORKSHOP	
52	STORAGE/SUPPORT BUILDING (2)	2 STORY
53	STORAGE/SUPPORT BUILDING (2)	
54	WORKSHOP	2 STORY
55	WORKSHOP	

FLOORSPACE OF NUMBERED BUILDINGS  
FLOORSPACE OF UNNUMBERED BUILDINGS  
TOTAL FLOORSPACE

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25X1

25X1

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Maps and Charts

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Requirement

C-RR7-84,536  
EXSUBCOM - GR-L/002-69

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